

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1 to 42.

Please add new claims 43 to 60.

Claims 1 to 42 (Cancelled)

- 43.) (New) A compound that specifically hybridizes to a nucleic acid molecule encoding the human HGPRBMY23 polypeptide of SEQ ID NO:2, the polynucleotide sequence provided as SEQ ID NO:1, or the polynucleotide sequence provided in ATCC Deposit No. PTA-2966, wherein said compound inhibits the expression of said polypeptide.
- 44.) (New) The compound according to Claim 43 wherein said compound is from about 10 to about 50 nucleotides in length.
- 45.) (New) The compound according to Claim 44 wherein said compound is an antisense oligonucleotide.
- 46.) (New) The compound according to Claim 45 wherein said compound is a member of the group consisting of:
- a.) an compound having the sequence provided as SEQ ID NO:51;
 - b.) an compound having the sequence provided as SEQ ID NO:52;
 - c.) an compound having the sequence provided as SEQ ID NO:53;
 - d.) an compound having the sequence provided as SEQ ID NO:54; and
 - e.) an compound having the sequence provided as SEQ ID NO:55.
- 47.) (New) The compound according to Claim 45 wherein said compound is comprised of DNA.
- 48.) (New) The compound according to Claim 45 wherein said compound is comprised of RNA.
- 49.) (New) The compound according to Claim 45 wherein said compound is comprised of both DNA and RNA.
- 50.) (New) The compound according to Claim 45 wherein said compound is single stranded.
- 51.) (New) The compound according to Claim 45 wherein said compound is double stranded.

- 52.) (New) The compound of Claim 45 wherein said compound comprises at least one modified internucleoside linkage.
- 53.) (New) The compound of Claim 45 wherein said compound comprises at least one modified sugar moiety.
- 54.) (New) The compound of Claim 45 wherein said compound comprises at least one modified nucleotide.
- 55.) (New) The compound according to Claim 45 wherein said compound further comprises a heterologous polypeptide
- 56.) (New) A recombinant vector comprising the compound according to Claim 45.
- 57.) (New) A recombinant host cell comprising the vector sequences of Claim 56.
- 58.) (New) The recombinant host cell of Claim 57 that expresses the compound of Claim 45, or a complement thereof.
- 59.) (New) A method of inhibiting the expression of the polypeptide of SEQ ID NO:2 comprising the step of culturing the recombinant host cell of Claim 58 under conditions such that said compound is expressed.
- 60.) (New) A method of inhibiting the expression of the polypeptide of SEQ ID NO:2 in cells or tissues comprising contacting said cells or tissues in vitro with the compound of Claim 43 so that expression of said polypeptide is inhibited.